

FIGURE 4-1: THE OPERATIONAL PERIOD PLANNING CYCLE

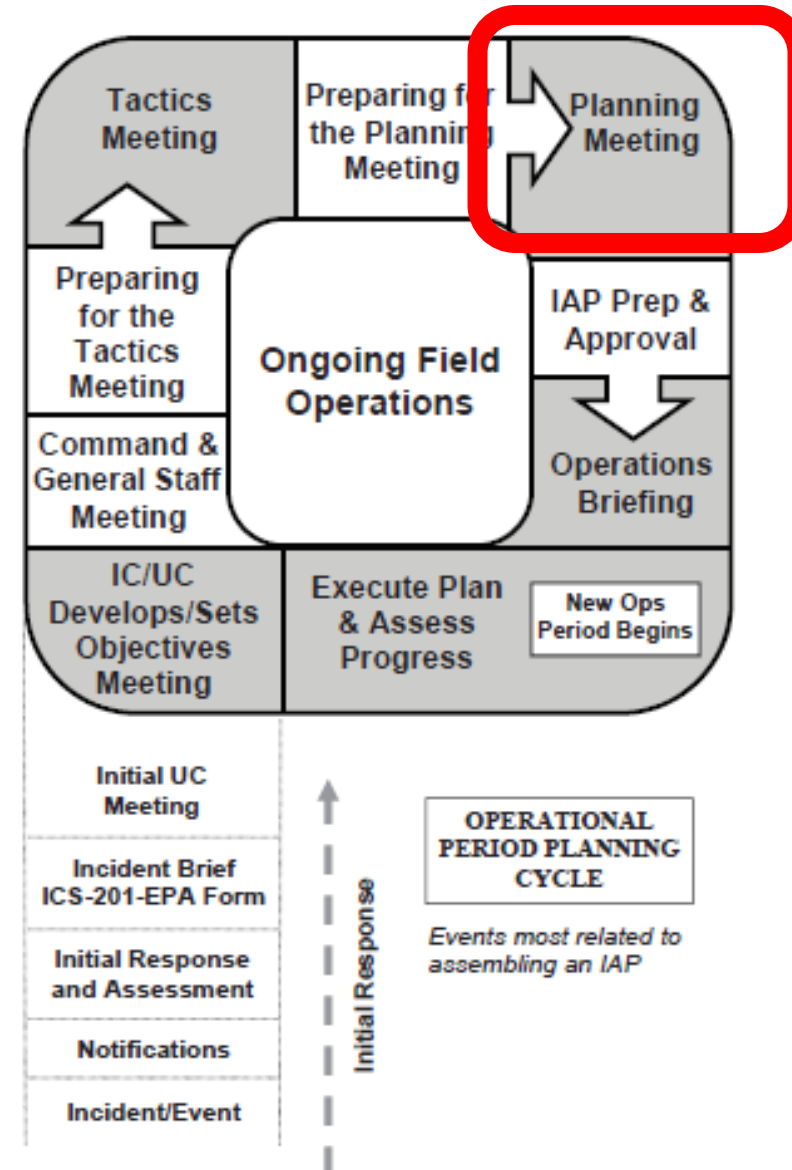
Planning Meeting

Purpose: Present plan for UC approval

Attends: C&G Staff

30 min meeting with review Of Ops 215

KLPs indicate support of plan



Planning Meeting Agenda

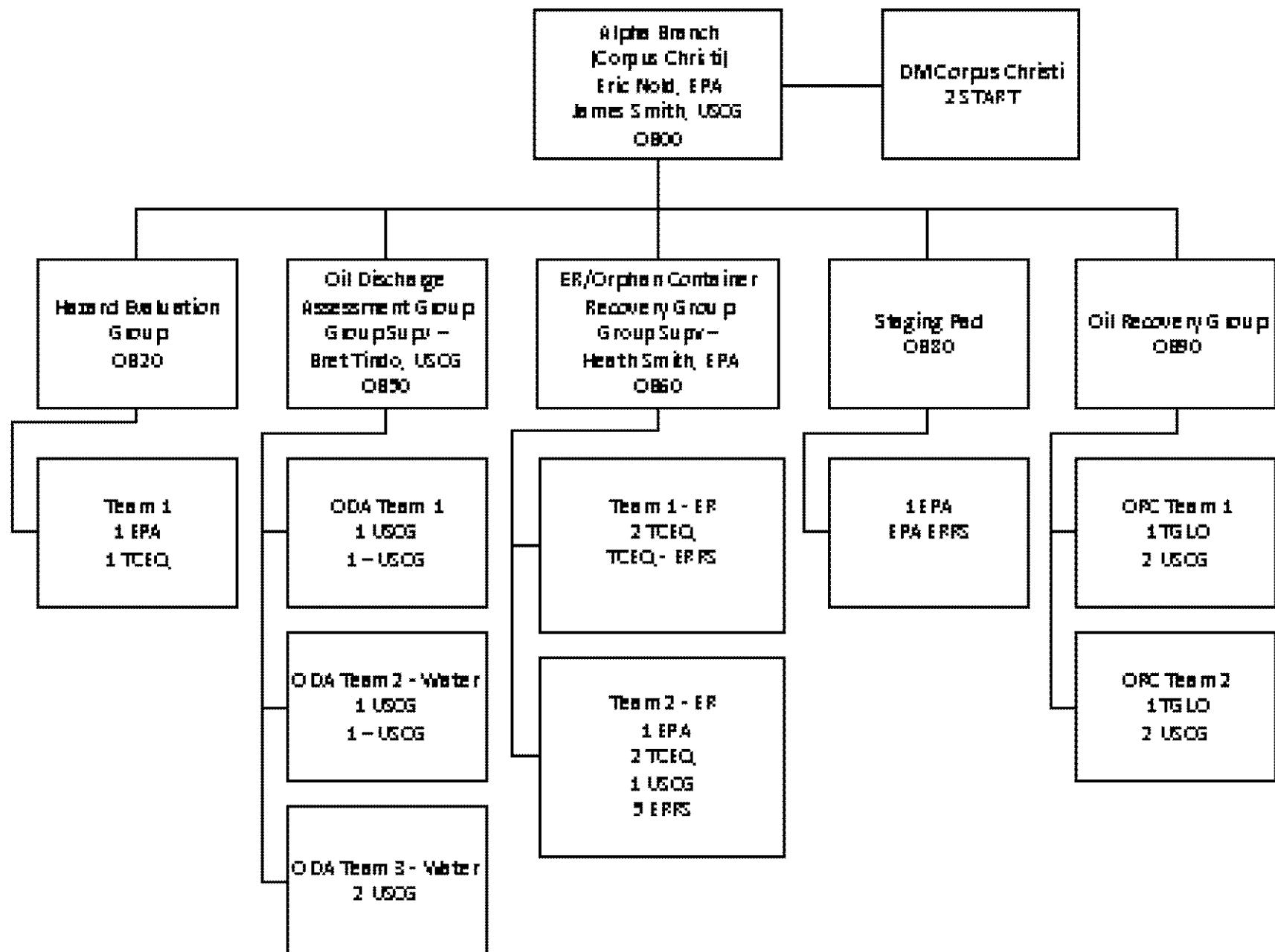
24-Hour Operational Period: Sept 4 (0700) – Sept 4 (1900)

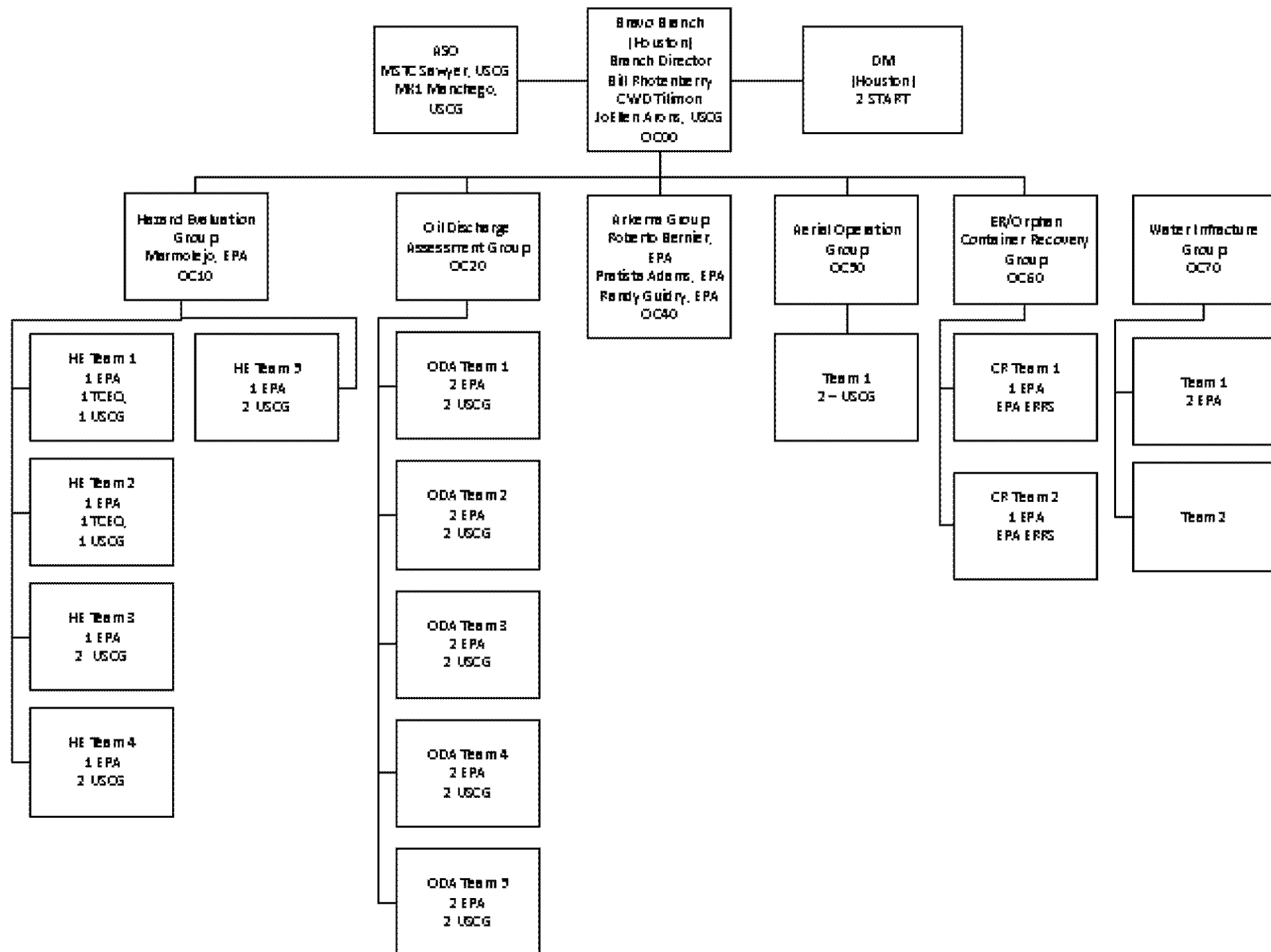
- | | |
|--|--------------|
| • Intro/OPs Period/Ground Rules/cell phones | PSC |
| • Opening Comments | IC |
| • Org Chart | PSC |
| • Incident Objectives | SITL |
| • Situation/Update | SITL |
| • Weather | SITL |
| • OPs Plan (215) | OPS |
| • Safety | SO |
| • Team Consensus (FSC/LSC/SO/LNO/IO/UC) | Staff |
| • Schedule Highlights | PSC |
| • Closing Remarks | UC |

Planning Meeting Agenda

24-Hour Operational Period: Sept 4 (0700) – Sept 4 (1900)

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Planning Meeting Agenda

24-Hour Operational Period: Sept 4 (0700) – Sept 4 (1900)

- | | |
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Incident Objectives

- **Provide for the safety, welfare and security of response personnel.**
- **Maximize the protection of public, health, and safety.**
- **Identify affected drinking water and wastewater systems in each area, evaluate the systems to determine their operational status and facilitate system contact with Federal, State, and Local agencies (provide technical assistance).**
- **Conduct wide area assessment to identify orphaned containers equal to or greater than 5 gallons, potential or actual discharges from vessels and/or facilities, and document the most effective means for recovery or mitigation in accordance with Natural Disaster Operations Workgroup protocols.**
- **Prioritize, mitigate/recover product, and monitor identified pollution targets.**
- **Assess DHS critical infrastructure and RMP/FRP facilities for damage and immediate/ongoing releases.**
- **Identify secure areas to process and temporarily store for subsequent recycling, disposal, or return to original owner displaced orphan containers, above ground storage tanks, hazardous waste, and vessels.**
- **Identify locations and establish ESF 10 ICP, Branches, and Staging Areas commensurate to the size and scope of the incident.**

Incident Objectives

- **Establish and maintain a common operating picture (COP).**
- **Identify and maximize protection of environmentally sensitive areas and threatened species.**
- **Manage a coordinated interagency response effort that reflects the composition of the Unified Command.**
- **Establish an IMT that can meet the initial and long-term challenges required for incident mitigation.**
- **Inform the public, stakeholders, and the media of response activities.**
- **Ensure appropriate financial accounting practices are adhered to.**
- **Establish a vessel recovery plan.**
- **Establish a strong interagency partnership with public and private organizations to determine ownership and disposition of targets.**

Planning Meeting Agenda

24-Hour Operational Period: Sept 3 (0700) – Sept 4 (0700)









- | | |
|---|-------|
| • Intro/OPs Period/cell phones | PSC |
| • Org Chart | PSC |
| • Incident Objectives | SITL |
| • Situation/Update | SITL |
| • Situation Update (SITL) | |
| • Update on Current Operations (OPS) | |
| • Weather | SITL |
| • OPs Plan (215) | OPS |
| • Safety | SO |
| • Team Consensus (FSC/LSC/SO/LNO/IO/UC) | Staff |
| • Schedule Highlights | PSC |
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Planning Meeting Agenda









24-Hour Operational Period: Sept 3 (0700) – Sept 4 (0700)

- | | |
|---|-------------|
| • Intro/OPs Period/cell phones | PSC |
| • Org Chart | PSC |
| • Incident Objectives | SITL |
| • Situation/Update | SITL |
| • Weather for next Ops Period | SITL |
| • OPs Plan (215) | OPS |
| • Safety | SO |
| • Team Consensus (FSC/LSC/SO/LNO/IO/UC) | Staff |
| • Schedule Highlights | PSC |
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Alpha Branch

MONDAY	9am	10am	11am	12pm	1pm	2pm	3pm	4pm
								
Forecast	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	T-storms	Partly Cloudy	Partly Cloudy
Temp (°F)	80°	83°	85°	87°	88°	84°	86°	87°
RealFeel®	91°	95°	98°	99°	99°	95°	99°	96°
Wind (mph)	6 ESE	8 E	8 ESE	9 ESE	10 ESE	12 ESE	12 ESE	13 E
PRECIP	9am	10am	11am	12pm	1pm	2pm	3pm	4pm
Rain	<div><div></div></div> 7%	<div><div></div></div> 6%	<div><div></div></div> 5%	<div><div></div></div> 5%	<div><div></div></div> 8%	<div><div></div></div> 51%	<div><div></div></div> 47%	<div><div></div></div> 33%

Bravo Branch

MONDAY	9am	10am	11am	12pm	1pm	2pm	3pm	4pm
								
Forecast	Partly Cloudy	Partly Cloudy	Partly Cloudy	Mostly Cloudy	Mostly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Temp (°F)	80°	84°	87°	88°	90°	91°	93°	91°
RealFeel®	88°	96°	101°	101°	102°	103°	106°	102°
Wind (mph)	5 NE	6 ENE	6 E	6 ESE	7 ESE	7 SE	7 SE	7 SE
PRECIP	9am	10am	11am	12pm	1pm	2pm	3pm	4pm
Rain	7%	7%	7%	7%	7%	7%	7%	7%

Planning Meeting Agenda

24-Hour Operational Period: Sept 4 (0700) – Sept 4 (1900)

- | | |
|---|------------|
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| • Situation/Update | SITL |
| • Weather | SITL |
| • OPs Plan | OPS |
| • Safety | SO |
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| • Closing Remarks | UC |

Alpha Branch

[illegible]

Bravo Branch

OPERATIONAL PLANNING WORKSHEET		K I N D O W N S T R U C T I O N S																													
Hurricane HARVEY BRANCH			BRAVO																												
4. DIVISION/ GROUP/ OTHER LOCATION	5. WORK ASSIGNMENTS		EPA OSC	START	ERRS	EPA RSC	REAC ERT	EPA ERT	ESAT	TCEQ	TGLO	CST	USCG STRIKE TEAM	EPA DRINKING WATER	EPA MCPs	EPA LRVs	EPA COMMAND TRAILER	EPA LOGISTICS TRAILER	EPA LEVEL A TRUCK	USCG MICP	USCG FLOOD TRAILER	ERRS SKID STEER	ERRS STAKE BED TRUCK	ERRS HAZMAT TRAILER	ERRS EQUIPMENT TRAILER	ERRS TRUCKS	Helicopter	TGLO Boat	TSG	USCG Boat	ERRS Boat
Aerial Recon	Air Operations Team 1: Rapid needs assessments in all areas	REQ	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
		HAVE	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0
		NEED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ER/Orphan Container Recovery Group	ER/Recovery Team 1-2: Conduct ER activities to priority target sites. Recover Orphan Containers from target list from Recon Operations.	REQ	2	0	10	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		HAVE	2	0	10	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		NEED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hazard Evaluation Group	Hazard Evaluation Team 1-5: Conduct hazard evaluation in the Bravo geographical area	REQ	5	0	0	0	0	0	0	2	0	8	0	0	0	0	0	5	0	0	0	0	0	0	0	1	0	0	0	2	0
		HAVE	5	0	0	0	0	0	0	2	0	8	0	0	0	0	0	5	0	0	0	0	0	0	0	1	0	0	0	2	0
		NEED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil Discharge Assessment Group	Oil Discharge Assessment Teams 1-5: Conduct oil discharge assessment in the Bravo geogrpahical area	REQ	10	0	0	0	0	0	0	0	0	10	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
		HAVE	10	0	0	0	0	0	0	0	0	10	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
		NEED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arkema Group	Provide response capability to the Arkama Incident	REQ	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		HAVE	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NEED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Branch Support Group	Assess NRC reports and report response needs to OSC	REQ	0	4	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		HAVE	0	4	0	0	0	0	0	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		NEED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Water Infrastructure Group	Water Infrastructure Teams 1-2: Conduct Assessment of Water Facilities in impacted areas	REQ	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		HAVE	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
		NEED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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| • Weather | SITL |
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| • Schedule Highlights | PSC |
| • Closing Remarks | UC |

INCIDENT ACTION PLAN SAFETY ANALYSIS

1. Incident Name:

Hurricane SANDY

Pollution Response

2. Date/Time Prepared: 6NOV12

3. DIVISION/
GROUP/
OTHER
LOCATION

4. Work Assignments

5. Gain

6. HAZARDS

Toxic Material

Flammable Material

Thermal Stress

Slips Trips Falls

Vehicular/Traffic

Ops Near Water

Fatigue

Awkward Position/Motion

Unknown Atmosphere

7. CONTROLS

Safety Plans/SOPs

Training/Qualification

Travel Planning

Buddy System

Work/Rest Periods

Replenish Fluids

Adequate Diet

Air Monitoring

8. FORM

SEVERITY

PROBABILITY

EXPOSURE

FORM

All DIV

Assess affected areas and environmental sensitive areas per ACP.

Human Health X
Security
Environment X
Economy

Check

X

X

X

X

X

X

X

X

X

Check

X

X

X

X

X

X

X

X

4

3

2

24

All DIV

Respond to and mitigate identified pollutant targets Hurricane Harvey related NRC reports

Human Health X
Security
Environment X
Economy

Check

X

X

X

X

X

X

X

X

X

Check

X

X

X

X

X

X

X

X

4

3

2

24

All DIV

Facility Observation

Human Health X
Security
Environment X
Economy

Check

X

X

X

X

X

X

X

X

Check

X

X

X

X

X

X

X

3

2

2

12

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| • Safety | SO |
| • Team Consensus (FSC/LSC/SO/LNO/PIO/UC) | Staff |
| • KLP Comments/Issues | |
| • KLP Support Plan | |
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| • Ops Briefing @ 0730 | |
| • Next C&G Staff Meeting @ 0900 | |
| • Closing Remarks | UC |

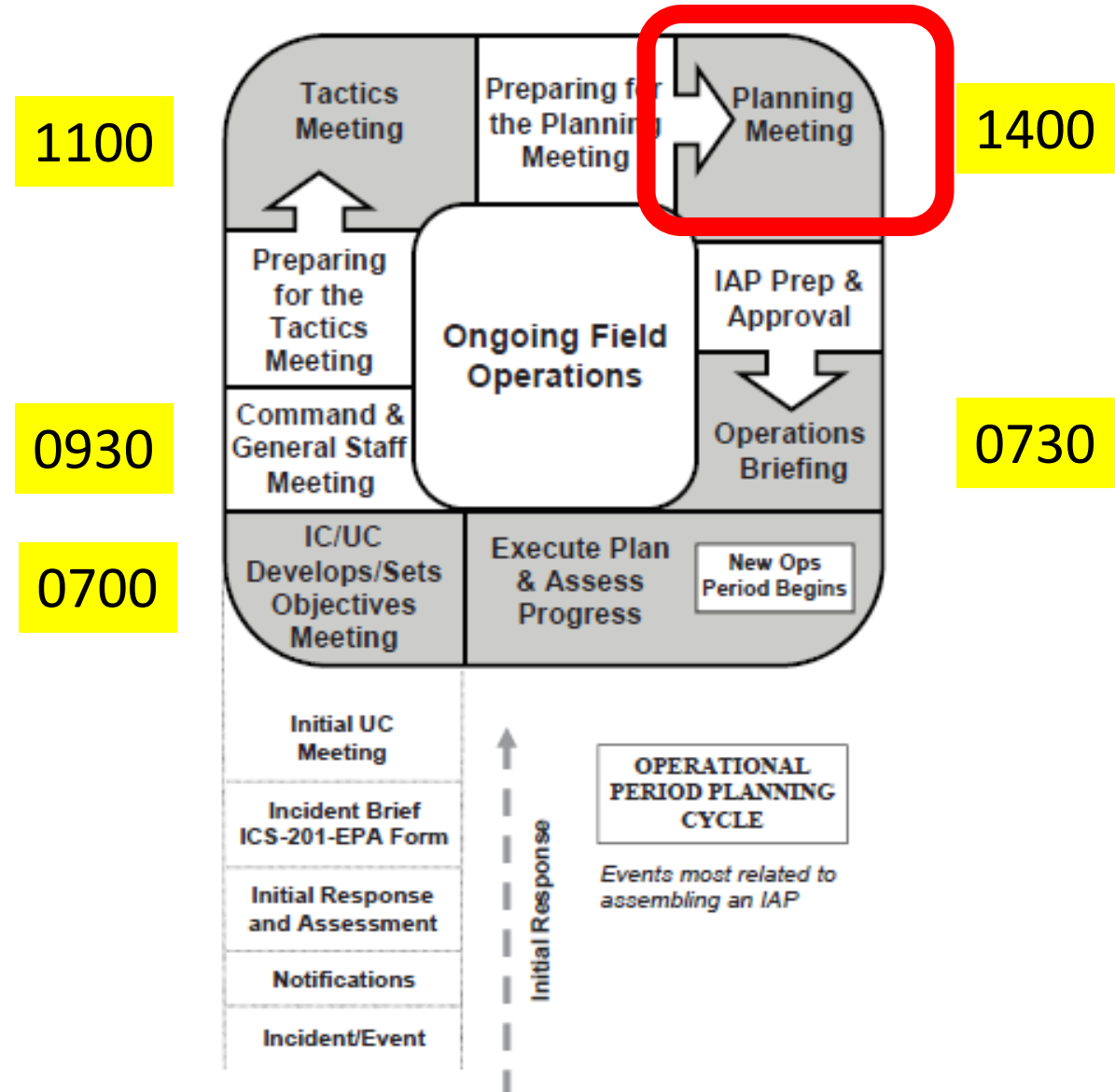
Planning Cycle Meeting Schedule

Next Meeting = Ops Briefing @ 0730

Next C&G Staff Meeting @ 0900

JANUARY 2016

FIGURE 4-1: THE OPERATIONAL PERIOD PLANNING CYCLE



IAP Components

JANUARY 2016

Components of an IAP (use as pertinent)	Primary Responsibility
1. Incident Objectives (ICS 202 form)	Resource Unit
2. Organization List/Chart (ICS 203/207 forms)	Resource Unit
3. Assignment List (ICS 204 form)	Resource Unit
4. Communications Plan (ICS 205 form)	Communications Unit
5. Medical Plan (ICS 206 form)	Medical Unit
6. Incident Map	Situation Unit
7. Weather, tide forecast	Situation Unit
8. Safety Plan	Safety Officer
9. Decontamination Plan	Technical Specialist
10. Waste Management or Disposal Plan	Technical Specialist
11. Demobilization Plan	Demobilization Unit
12. Air Operations Summary (ICS 220 form)	Air Operations Branch Director
13. Traffic Plan	Ground Support Unit

Provide IAP Components to RESL by 1800

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